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APPLICANT : FUJI PHOTO FILM CO LTD;

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INT.CL. : B01D 65/06

TITLE : METHOD FOR WASHING SEPARATION MEMBRANE

ABSTRACT : PURPOSE: To keep and recover the transmitted flux at the time of the filtration of a raw fluid containing suspended matter through a membrane.

CONSTITUTION: In a dead end filtering system supplying a raw fluid composed of a fluid containing suspended matter to filter said fluid by a separation membrane and separating the same into the fluid and the suspended matter, the pressure on the transmitted fluid side of the separation membrane is made higher than that on the side of the raw fluid to periodically perform backwashing. As a washing solution, a solution containing proteinase and cellulase is used to wash the separation membrane.

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PA - (FUJF) FUJI PHOTO FILM CO LTD

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AB - J04267933 In the dead end filtering method in which a fluid and a suspended solid are sep'd. by supplying and filtering a source fluid contg. the suspended solid and the fluid using a sepn. membrane, periodical backwashing is conducted by making the pressure on the permeated fluid side of the sepn. membrane higher than that on the source fluid side. The washing uses a washing soln. contg. an enzyme.

- The min. pore dia. or fractioning mol. wt. of the sepn. membrane is pref. larger than the mol. dia. of the enzyme contained in the washing soln. The enzyme is pref. a proteolytic enzyme and/or a cellulose-destroying enzyme.

- USE/ADVANTAGE - The sepn., purificn., recovery and concn. of suspended solids from fluids contg. various suspended solids can be carried out efficiently and economically. (Dwg. 0/0)

IW - WASHING SEPARATE MEMBRANE SEPARATE SUSPENSION SOLID COMPRISE PERIOD BACKWASH ENZYME CONTAIN SOLUTION

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NC - 001

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ORD - 1992-09-24

PAW - (FUJF) FUJI PHOTO FILM CO LTD

TI - Washing of sepn. membrane for separating suspended solids - comprises periodical backwashing using enzyme-contg. soln.